

1 13. The blade of claim 1, wherein each spoke formed on the first face has a
2 complementary spoke formed on the second face that is offset 180° from the spoke formed on
3 the first face.

1 14. A dental saw blade comprising:
2 a body having a first face and an opposing second face and a cutting edge and a
3 central opening for receiving a drive component for rotating the blade;
4 a region of abrasive material disposed on each of the first and second faces to
5 define a cutting zone at an outer section of the face; and
6 means for stiffening the body and reducing binding of the blade during a cutting
7 operation, wherein the means is disposed between the cutting zone and the central opening and
8 includes features that are formed on each of the first and second faces.

1 15. The blade of claim 14, wherein the features comprise a plurality of
2 spokes formed on each of the first and second faces, each spoke being formed of an abrasive
3 material.

1 16. The blade of claim 15, wherein one end of each spoke intersects the
2 cutting zone and a seamless transition results between the cutting zone and the plurality of
3 spokes formed on the same face.

1 17. The blade of claim 14, wherein the cutting zone is ring shaped and
2 extends inwardly from the cutting edge.

1 18. The blade of claim 14, wherein the abrasive material is a material
2 selected from the group consisting essentially of diamond, cubic boron nitride (CBN),
3 aluminum oxide, silicon carbide, tungsten carbide grit, and boron carbide.

1 19. The blade of claim 14, wherein the abrasive material comprises diamond
2 particles having a size from about 60 mesh to about 600 mesh.

1 20. The blade of claim 15, wherein the plurality of spokes contained within a
2 first plane defined by the first face are offset from the plurality of spokes contained within a
3 second plane defined by the second face such that no one spoke of the first plane overlies a
4 spoke contained within the second plane.

1 21. The blade of claim 15, wherein three or more spokes are formed on each
2 of the first and second faces.

1 22. The blade of claim 14, further including a plurality of shaped cut-outs
2 formed in the cutting zone at the cutting edge thereof, the shaped cut-outs being formed
3 circumferentially around the blade body along the cutting edge thereof.

1 23. The blade of claim 15, wherein an inner edge of each spoke is spaced
2 from the central opening.

1 24. The blade of claim 15, wherein the spokes formed of each face are
2 spaced equally apart from one another.

1 25. The blade of claim 15, wherein a length of each spoke is at least twice as
2 great as a width of the cutting zone.

